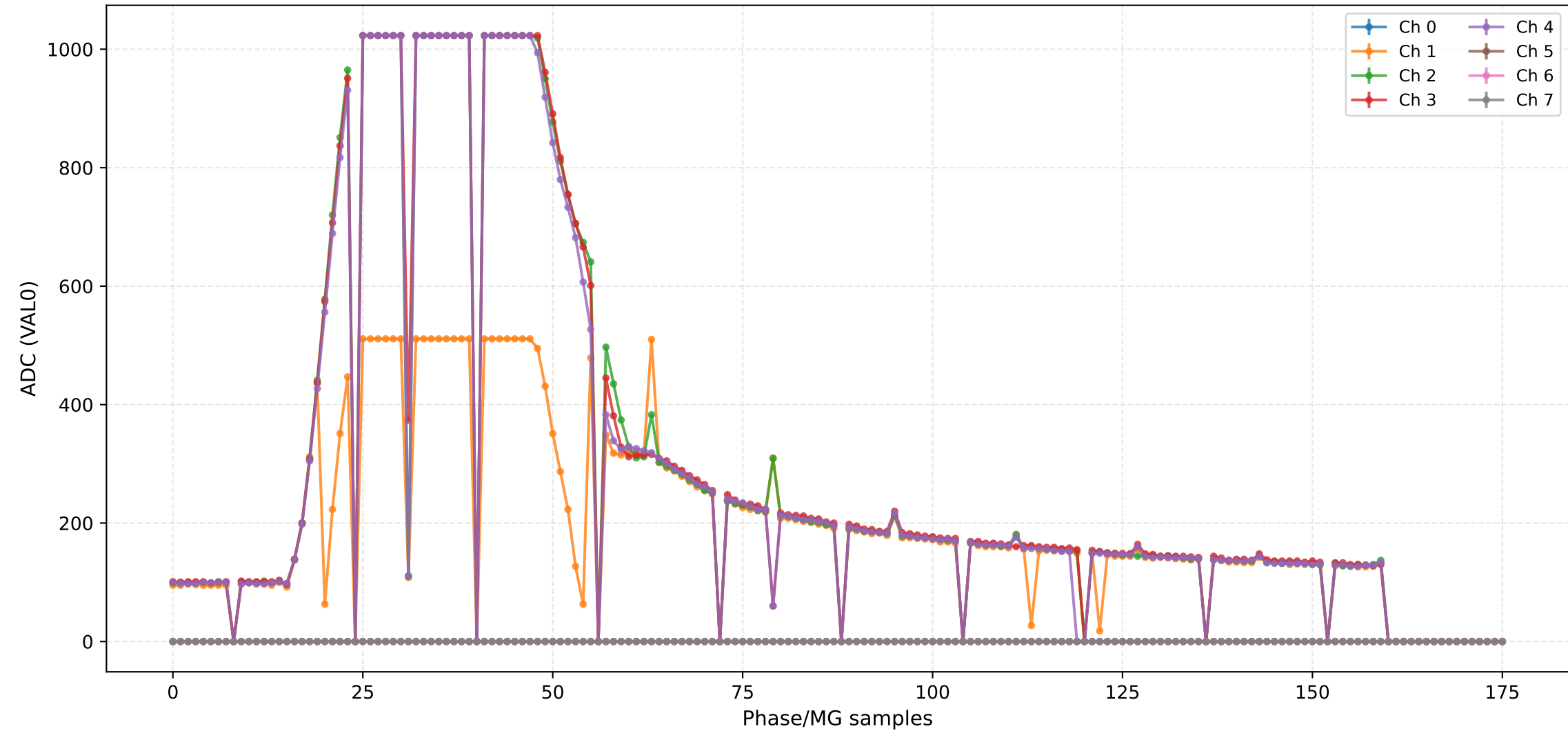


## ADC (VAL0) - Channels 0 to 7



### ADC (VAL0) - Channels 8 to 15



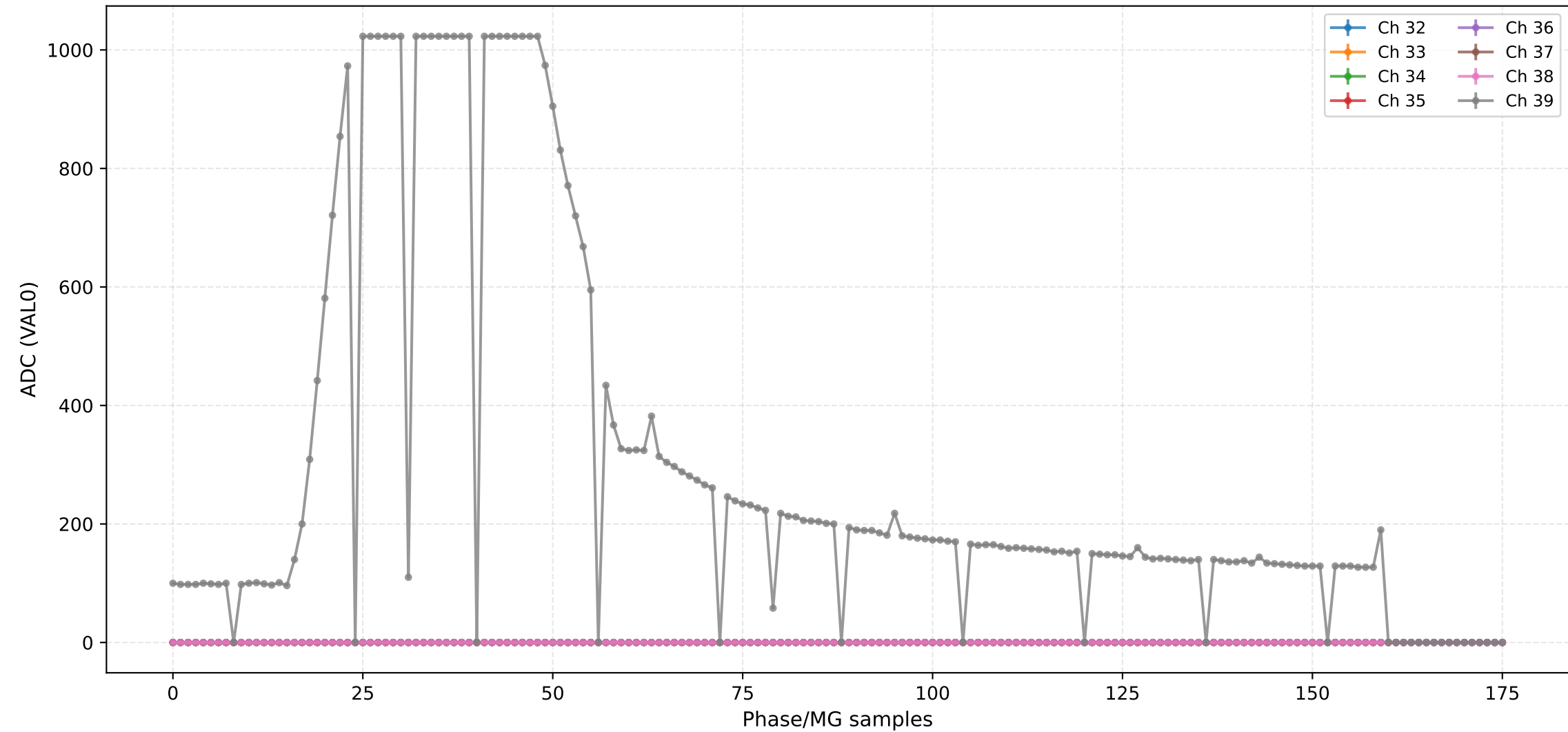
### ADC (VAL0) - Channels 16 to 23



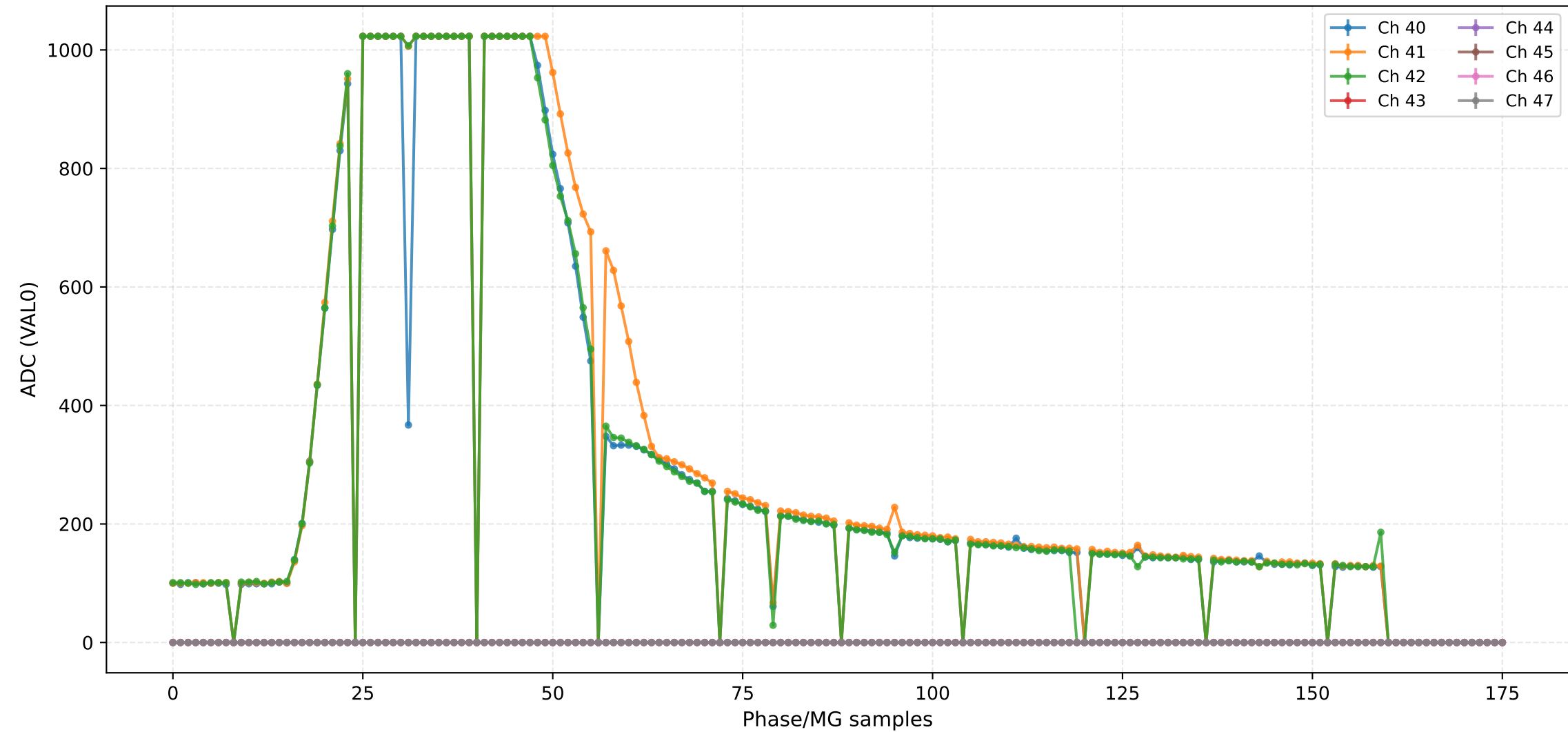
### ADC (VAL0) - Channels 24 to 31



### ADC (VAL0) - Channels 32 to 39



ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55



## ADC (VAL0) - Channels 56 to 63

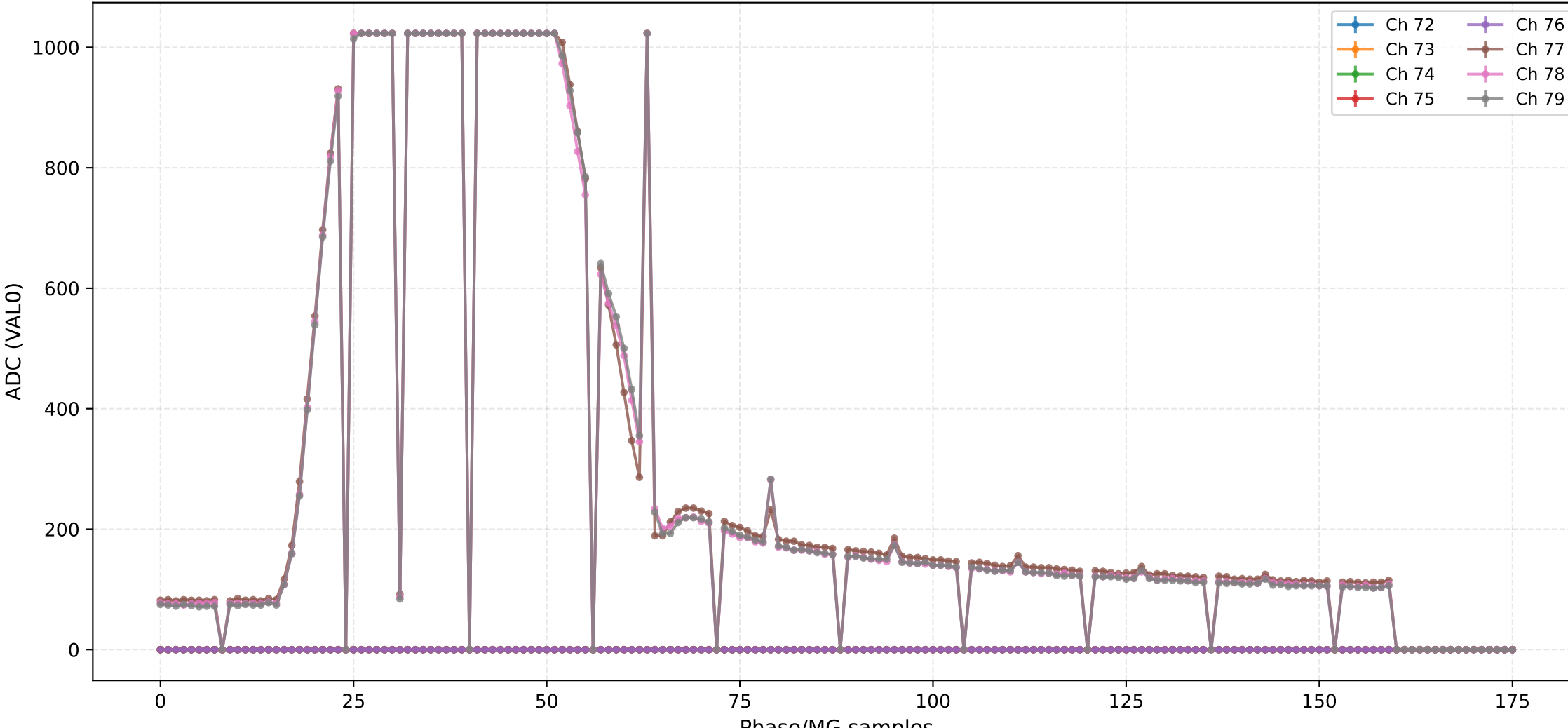




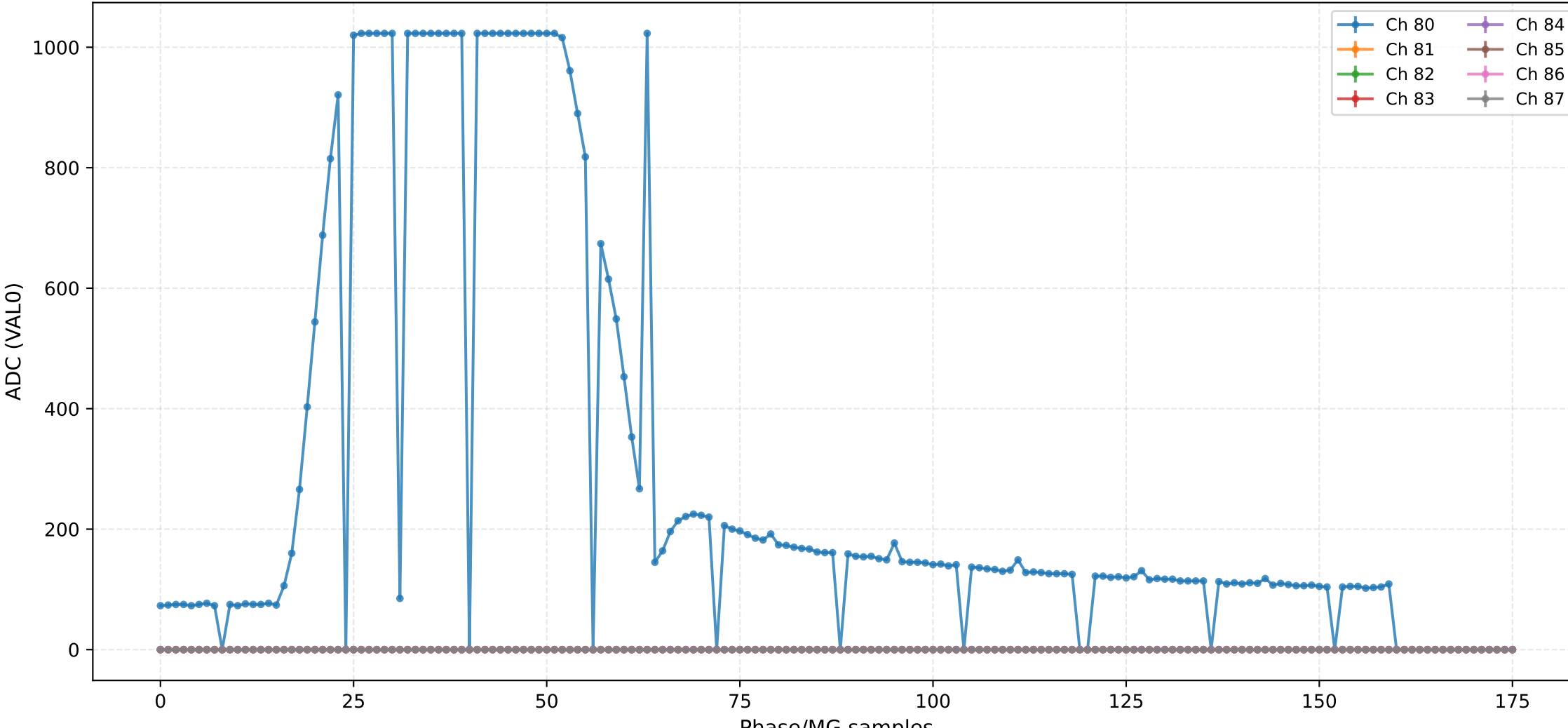
### ADC (VAL0) - Channels 64 to 71



## ADC (VAL0) - Channels 72 to 79



## ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



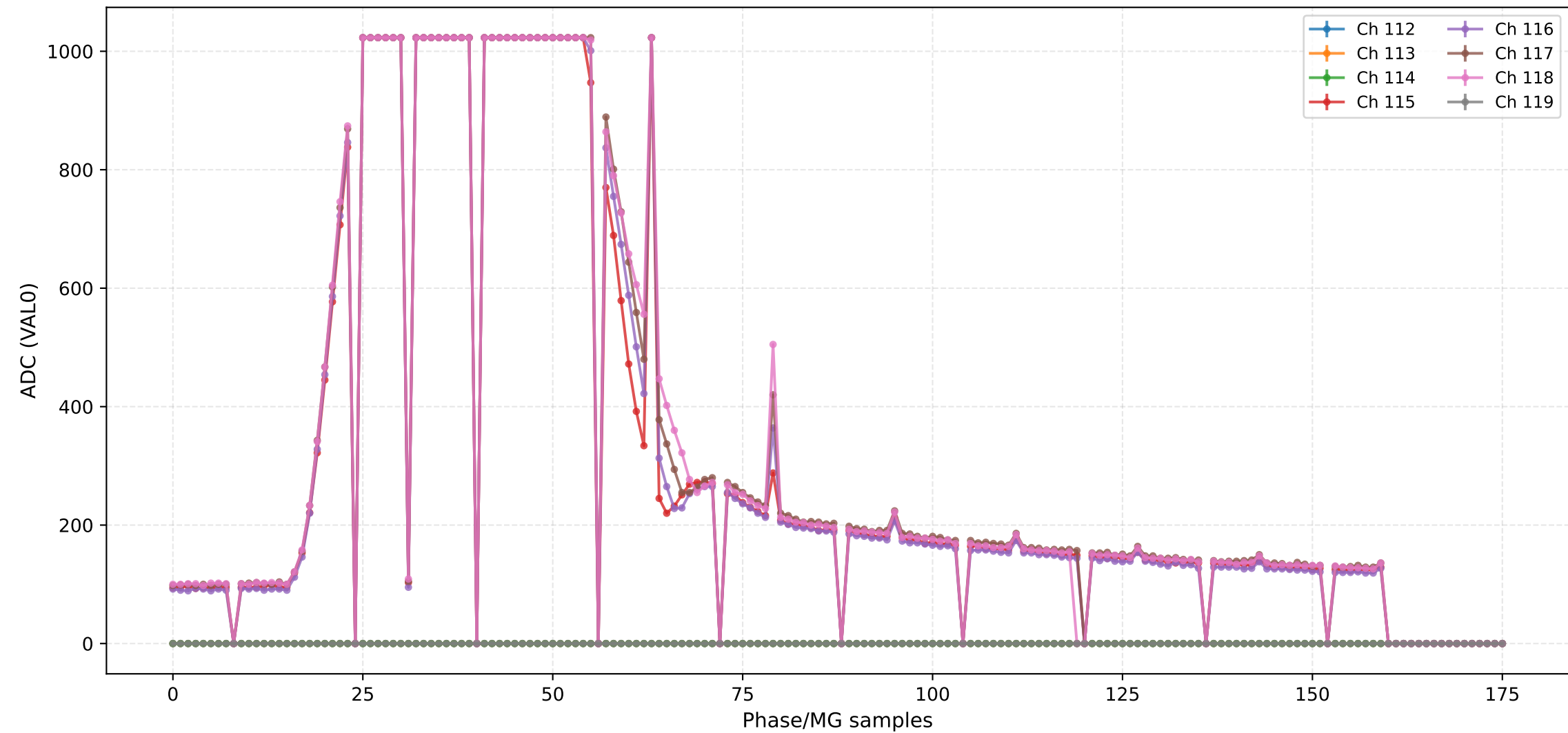
### ADC (VAL0) - Channels 96 to 103



### ADC (VAL0) - Channels 104 to 111



ADC (VAL0) - Channels 112 to 119



## ADC (VAL0) - Channels 120 to 127





### ADC (VAL0) - Channels 128 to 135



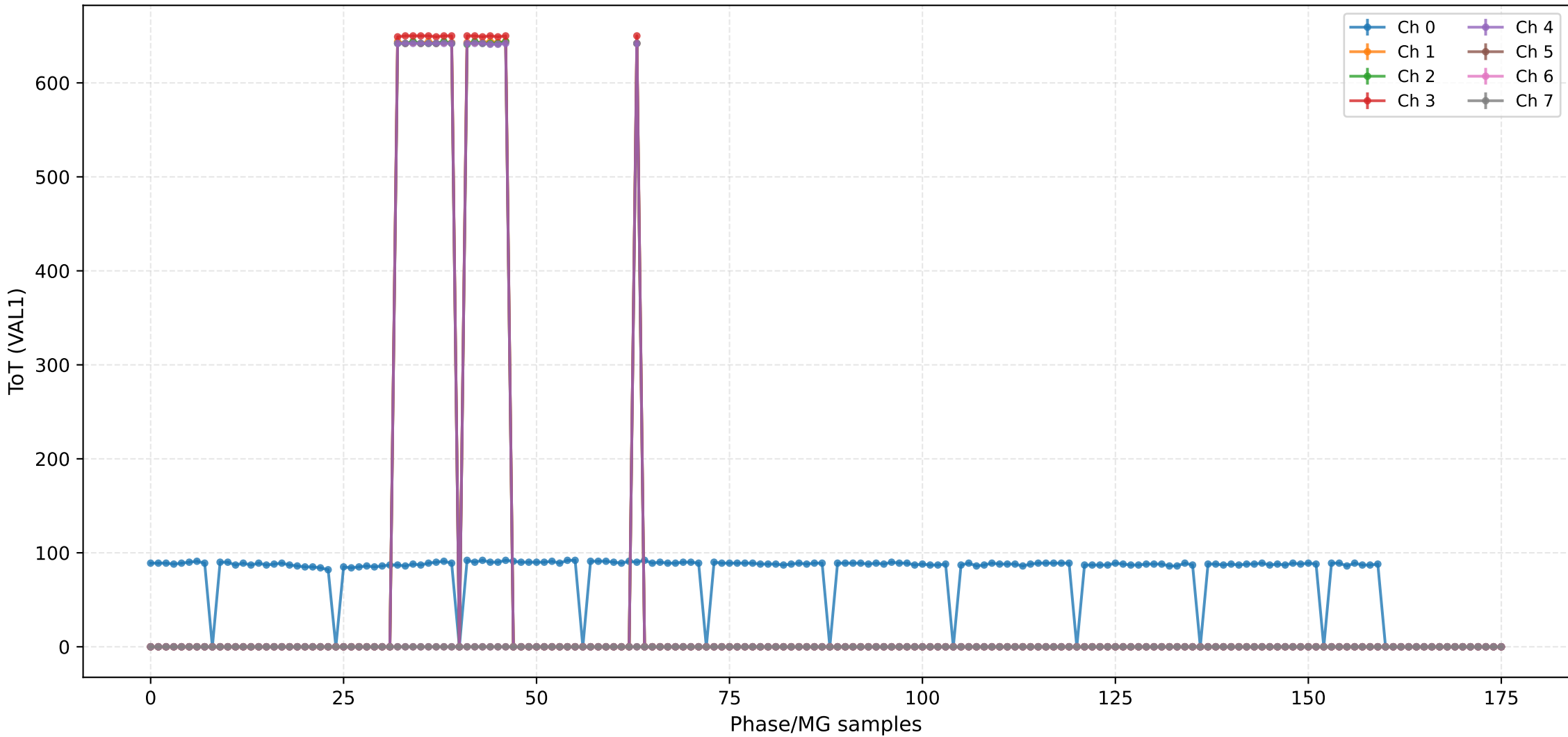
### ADC (VAL0) - Channels 136 to 143



## ADC (VAL0) - Channels 144 to 151



ToT (VAL1) - Channels 0 to 7



## ToT (VAL1) - Channels 8 to 15



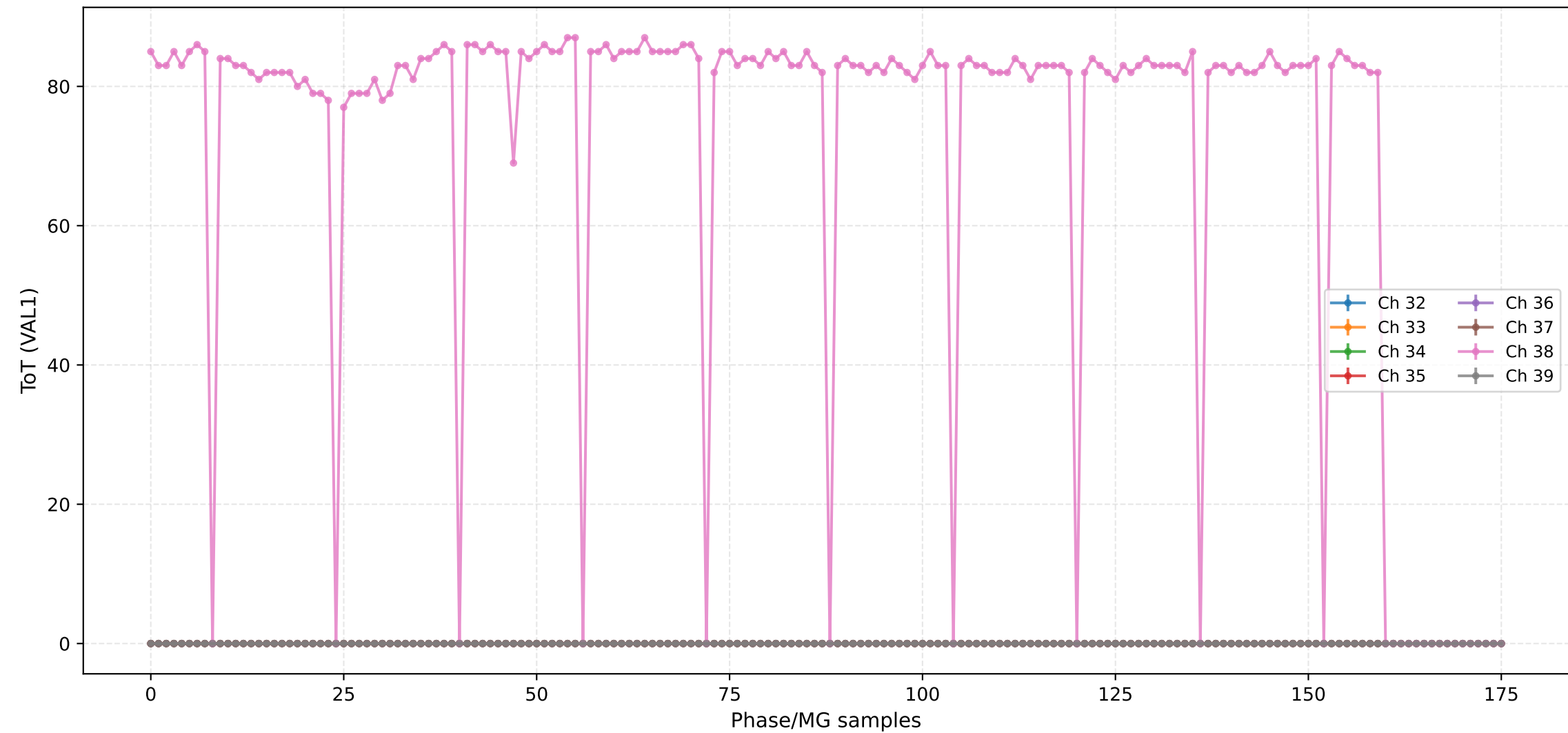
## ToT (VAL1) - Channels 16 to 23



ToT (VAL1) - Channels 24 to 31



ToT (VAL1) - Channels 32 to 39





ToT (VAL1) - Channels 40 to 47



ToT (VAL1) - Channels 48 to 55



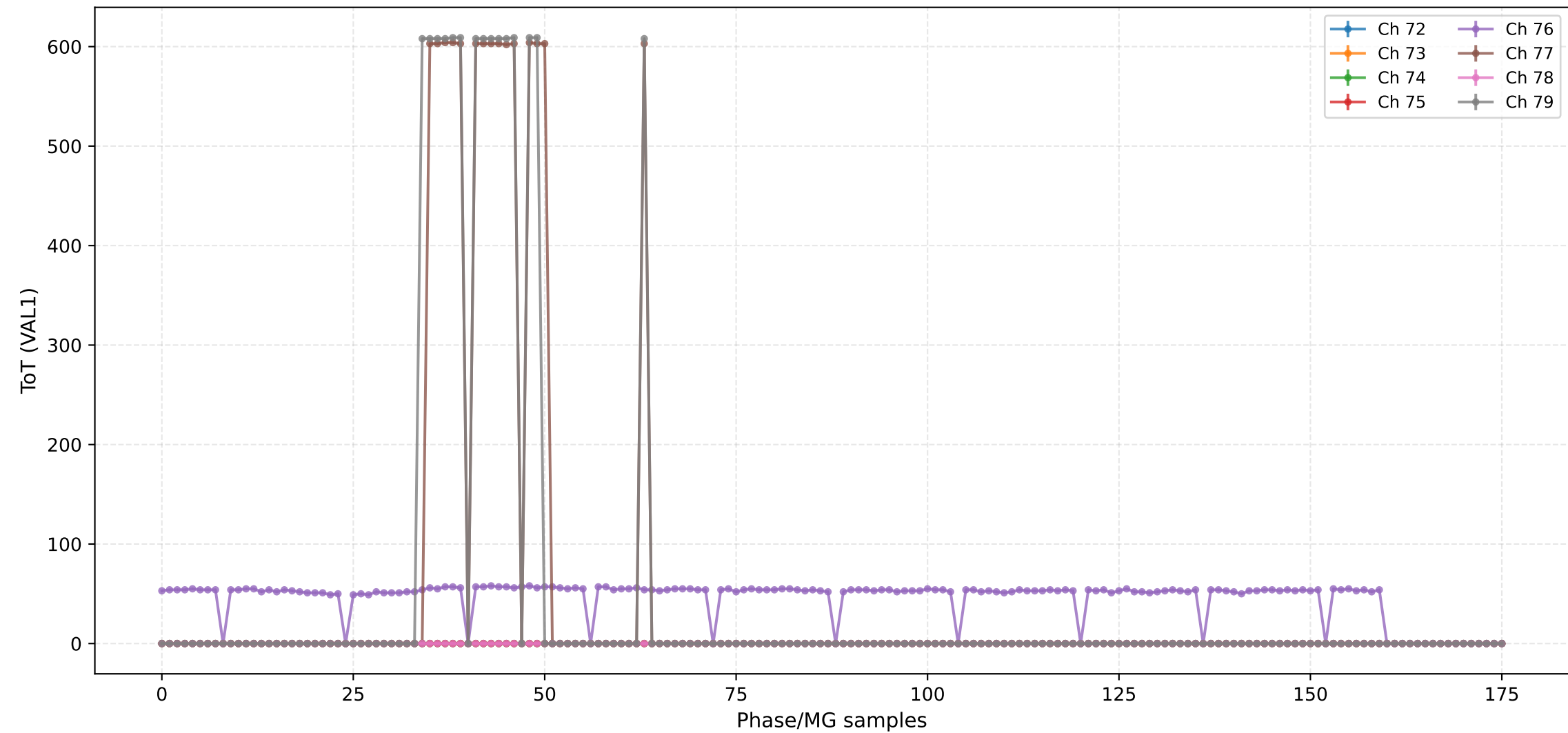
## ToT (VAL1) - Channels 56 to 63



## ToT (VAL1) - Channels 64 to 71



## ToT (VAL1) - Channels 72 to 79





ToT (VAL1) - Channels 88 to 95



ToT (VAL1) - Channels 96 to 103

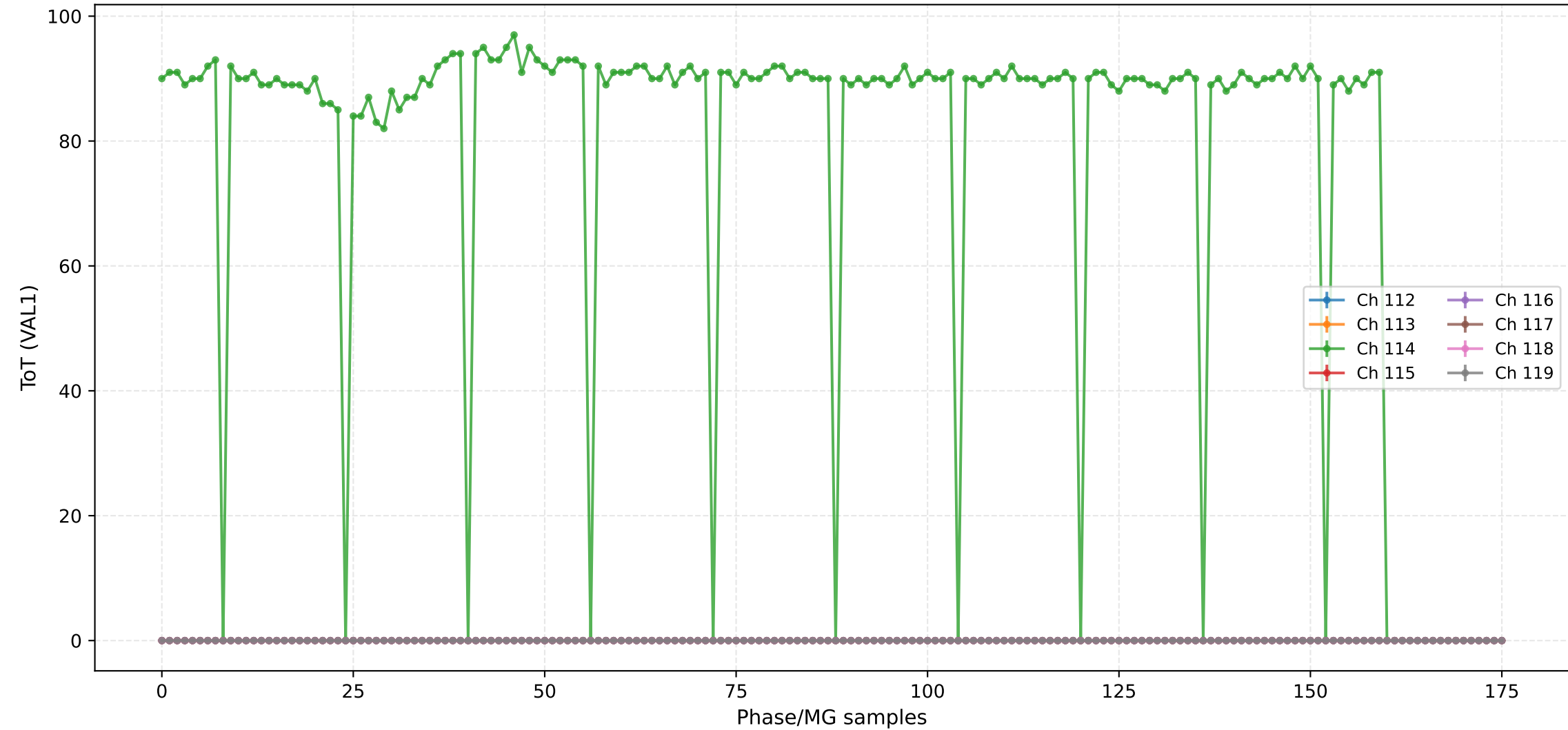




ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



## ToT (VAL1) - Channels 120 to 127



## ToT (VAL1) - Channels 128 to 135



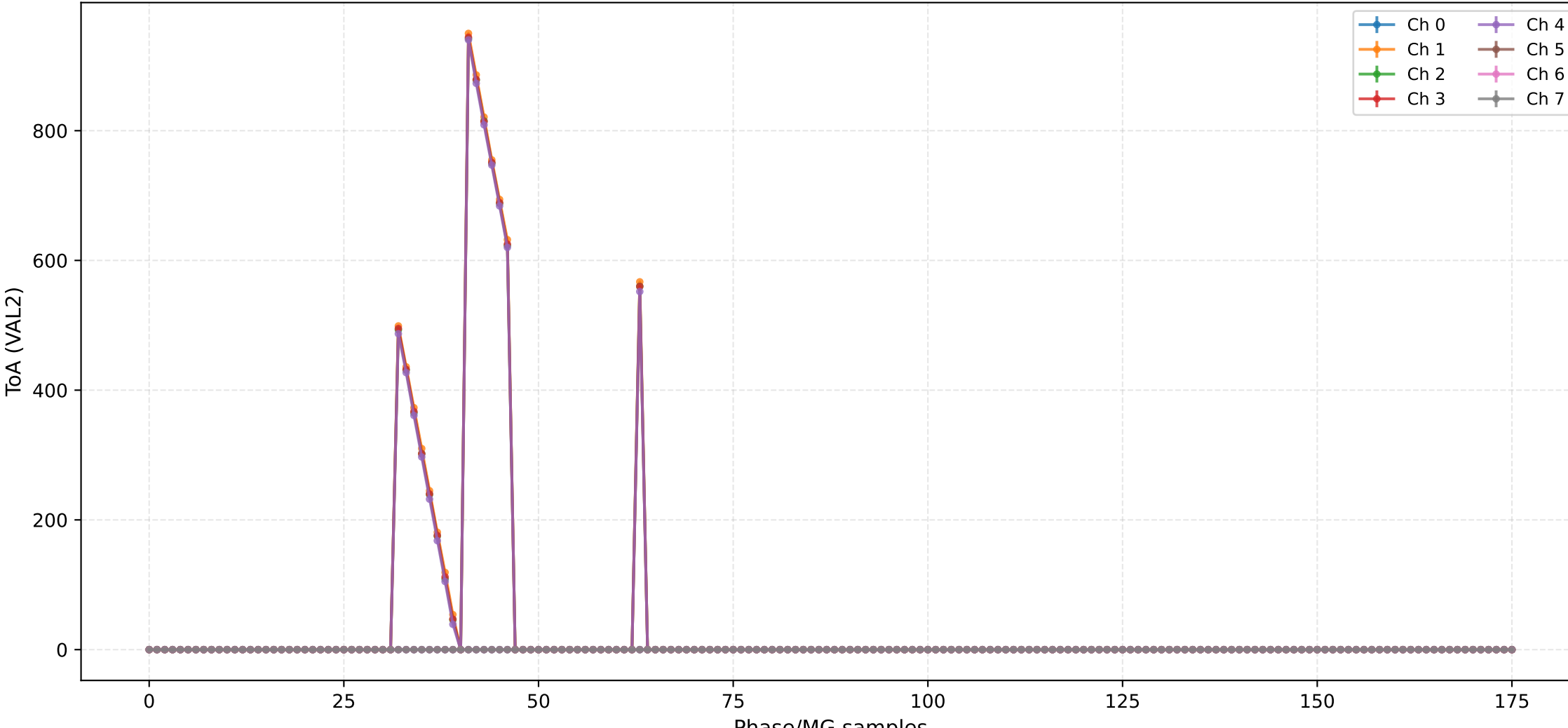
ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151



## ToA (VAL2) - Channels 0 to 7



## ToA (VAL2) - Channels 8 to 15





## ToA (VAL2) - Channels 16 to 23



### ToA (VAL2) - Channels 24 to 31



## ToA (VAL2) - Channels 32 to 39



ToA (VAL2) - Channels 40 to 47



ToA (VAL2) - Channels 48 to 55



## ToA (VAL2) - Channels 56 to 63



## ToA (VAL2) - Channels 64 to 71









## ToA (VAL2) - Channels 88 to 95



ToA (VAL2) - Channels 96 to 103

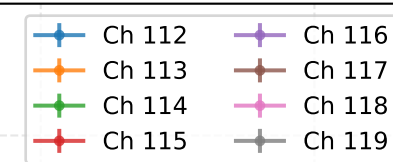


## ToA (VAL2) - Channels 104 to 111



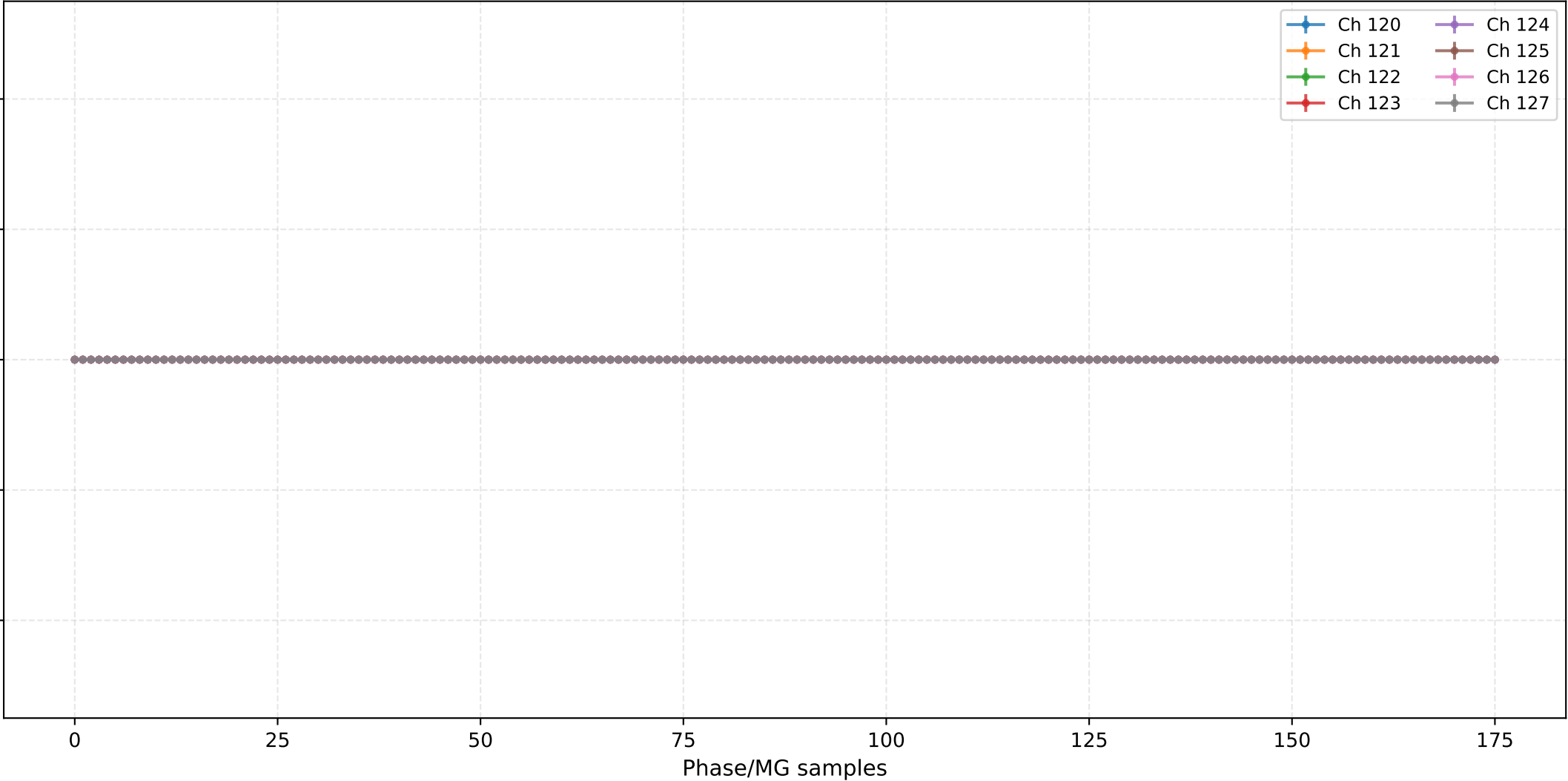
The graph displays the evolution of the 112-115 ratio over 160 days for five channels. The x-axis represents time in days (0 to 160), and the y-axis represents the ratio (0.9 to 1.1). The legend identifies the channels: Ch 112 (blue), Ch 113 (orange), Ch 114 (green), Ch 115 (red), and an unlabeled channel (grey). All channels show a sharp initial increase from approximately 0.95 to 1.05 within the first 10 days, followed by a gradual decline and stabilization around 1.00 after 40 days. The unlabeled channel (grey) shows the most significant initial spike, reaching nearly 1.10.

Time (days)	Ch 112	Ch 113	Ch 114	Ch 115	Unlabeled
0	0.95	0.95	0.95	0.95	0.95
10	1.05	1.05	1.05	1.05	1.08
20	1.05	1.05	1.05	1.05	1.06
40	1.02	1.02	1.02	1.02	1.02
60	1.00	1.00	1.00	1.00	1.00
80	1.00	1.00	1.00	1.00	1.00
100	1.00	1.00	1.00	1.00	1.00
120	1.00	1.00	1.00	1.00	1.00
140	1.00	1.00	1.00	1.00	1.00
160	1.00	1.00	1.00	1.00	1.00



Phase/MG samples

Ch 120 Ch 121 Ch 122 Ch 123 Ch 124 Ch 125 Ch 126 Ch 127



## ToA (VAL2) - Channels 128 to 135



## ToA (VAL2) - Channels 136 to 143







## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-12 17:20:00

### Configuration:

- Total ASICs: 2
- Injection DAC: 1200
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 10
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac1200\_mg10\_pack2\_chn10\_val0.csv
- 205\_Injection\_asic2\_injdac1200\_mg10\_pack2\_chn10\_val1.csv
- 205\_Injection\_asic2\_injdac1200\_mg10\_pack2\_chn10\_val2.csv